

Appl. No. 10/658,961

Amdt. Dated Feb. 1, 2005

Reply to Office Action of Nov. 01, 2004

Amendments to the Abstract:

Please amend the abstract as follows:

OK to
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4/6/05
Ray

A planar surface illuminator (20) for installation below a liquid crystal display panel includes a light guide plate (22) and a plurality of ~~point-light-sources~~ light emitting diodes (21). The light guide plate has a bottom surface (223), an end surface (221) and a number of dot-patterns (23) formed on the bottom surface. The ~~point-light-sources~~ light emitting diodes are positioned adjacent the end surface to irradiate the light guide plate. ~~Darkened~~ Shortfall areas (223a) in the light guide plate between each two adjacent light emitting diodes ~~the point light sources~~ are lightened by placing special dot-patterns (23a) therein, which special dot-patterns are made of melamine-based fluorescent particles. The melamine-based fluorescent particles function as ~~many~~ small light sources, thus lightening the ~~darkened shortfall~~ areas. ~~Therefore, the~~ The brightness of the planar surface illuminator is thereby balanced.